



Service Bulletin

INFORMATION

Subject: Warranty Code Generated By EL-50313 Midtronics GR8 Battery Tester/Charger Required for Claim Processing on Labor Operation 4041510 and Battery Part Restriction (North America ONLY)

Models: 2014 and Prior GM Passenger Cars and Light Duty Trucks

Attention: This bulletin applies ONLY to the North American market.

This bulletin is being revised to add the 2014 model year and update the Labor Operation. Please discard Corporate Bulletin Number 03-06-03-004G (Section 06 – Engine/Propulsion System).

The EL-50313 is a new Essential Tool designed to provide leading edge battery diagnostic capabilities coupled with an intelligent battery charger. This tool is to be used in the diagnosis of all battery replacements under the terms of the General Motors Warranty and replaces the previous J-42000/J-42000 EU. The EL-50313 will also be a required tool for maintenance of batteries on new vehicles in dealer inventory.

Important: This new tool provides the Warranty Code which is required for all batteries replaced under warranty. Only codes generated in Diagnostic Mode are valid for warranty submission. When testing batteries you must follow the tool on screen instructions and only be connected directly to the battery posts, with the battery disconnected from the vehicle. Select "Out Of Vehicle" when setting up the test. Do not connect to battery cable terminal nuts, bolts, or clamping mechanisms. Long charge times and false test results are possible. The battery terminal posts are the only reliable connection points.

Tool Software Updates

This tool requires periodic software updates. If a specific issue is identified and resolved with a software update, the availability may be communicated directly to you. The latest software release is available on the GM Dealer Equipment Website.

US Dealers:

GM Dealer Equipment Website Access

This site can be accessed through GM Global Connect, Service Workbench, "GM Essential Tools - Software Updates". Follow the on-line instructions for updating the GR8.

Important: To access downloads on this website you must first register and establish a user name and password. A link is provided below the sign-in area to "Apply for Access." Contact GMDE at 1-800-GM-TOOLS if assistance is needed.

For your convenience, here is the direct link to the GMDE software update Webpage: [http:// www.gmdesolutions.com/downloads](http://www.gmdesolutions.com/downloads).

Canadian Dealers:

Dealer Equipment & Services (DES) Canada Website Access

This site can be accessed through GM Global Connect, Service Library, Tools and Processes and Equipment and then select "Dealer Equipment & Services (DES) Canada."

Important: To access downloads on this website you must first register and establish a user name and password. A link is provided at bottom of page to "Create an account" or Contact DES at 1-866-868-3372 if assistance is needed.

For your convenience, here is the direct link to the DES Canada website where you can select the software update page: <http://www.des-canada.ca>.

New Vehicle Inventory

Note: For vehicles in dealer stock - Battery recharging, swapping or replacement due to damage or lack of maintenance is not covered by the vehicle warranty during the period of dealer inventory storage as stated in the GM Service Policies and Procedures Manual. For customer owned vehicles with 250♦miles (400♦km) or less, contact the Product Quality Center (PQC). See Battery Part Restriction section below.

Note: If a defective battery is identified when the vehicle is first delivered to the dealer from the assembly plant, the claim must be processed through the PQC within one week of the vehicle receipt. See note below.

PDI Mode – The EL-50313 (Midtronics GR8) has a charge algorithm identified on the tool as PDI Mode. In this mode, the battery condition is checked then a fast charge is applied to the battery. This mode is designed to apply as much charge as safely possible in 20 Minutes. PDI Mode replaces the previous requirement of battery voltage check & charge. This mode also generates a print out. The print out must be kept with the vehicle file as proof of maintenance. See Battery Part Restriction below.

If a new vehicle arrives at your dealer from transportation that will not start due to a discharged or defective battery, the claim must be submitted within one week of the vehicle arrival at the dealer. Only warranty codes generated in the “Diagnostic Mode” and “Out Of Vehicle” are valid for warranty replacements. They must also be approved by the PQC – See Battery Part Restriction below.

On vehicles with two batteries, each battery must be electrically isolated and charged individually, which will result in two printouts.

PDI Mode Is To Be Used:

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- When a new vehicle is received at the dealer
- At each subsequent 30 day interval while in dealer inventory
- At the Point Of Sale

For complete information on dealer responsibilities on inventory battery maintenance, refer to General Motors Service Policies and Procedures Manual Article 2.2.2.

Batteries Replaced Under Warranty

The Warranty Code is generated by the EL-50313 Midtronics Battery Tester/Charger is required for claim processing on labor operation 4041510, Battery-Replace. The code is automatically generated when the tool is operated in Diagnostic Mode after the tool charges a battery for greater than 20 minutes or identifies a battery that requires replacement. It is included on the print out. The code must be entered into the Labor Code Dependency Field in GWM. The complete print out should be kept with the warranty claim.

Important: The complete code 10 Characters (11 characters with optional hyphen) must be entered into the Labor Code Dependency Field in GWM.

On vehicles with two batteries, each battery must be electrically isolated and tested individually, which will result in two printouts.

Special Cases

- Damaged or leaking batteries - It is not necessary to test leaking batteries with the EL-50313. Enter LEAKS into the Labor Operation Dependency Field. For batteries with side terminal stripped threads, refer to the latest version of Corporate Bulletin Number 02-06-04-015.
- Cadillac Roadside service claims (U.S.) - Batteries replaced under the Cadillac Roadside program do not fall under the 4041510 Labor Operation. They should be submitted under Labor Operation 0600102 as defined by that program.
- Approved GM Fleet and Commercial in-shop warranty stations- If the Warranty Code is available, enter it into the Labor Operation Dependency Field. If the Warranty Code is not available, enter FLEET into the Labor Operation Dependency Field.

Note: Customer reimbursement cases - Existing policies on customer reimbursement apply. If the customer's battery is available, enter the Midtronics code into the Labor Operation Dependency Field. If the customer's battery is not available, enter REIMBURSEMENT into the Labor Operation Dependency Field.

Battery Part Restriction

The restriction continues on battery Labor Operation 4041510 for the first 250♦miles (400♦km). PQC Authorization is required on all vehicles with 250♦miles (400♦km) or less – including delivered vehicles.

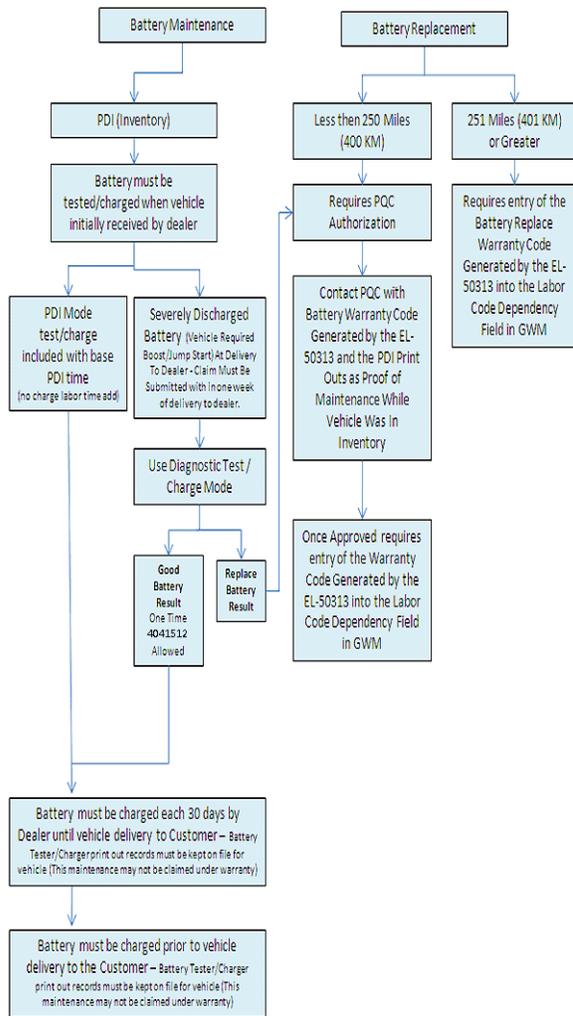
Prior to replacing any batteries or contacting the PQC, have technicians perform the proper diagnosis using the EL50313 Tester / Charger. Technicians should attach the print out with a Battery Replace Decision, that includes the Warranty Code, to the repair order. If the vehicle had been in dealer inventory for greater than 30 days the PQC may also request copies of the PDI print outs for the vehicle in question.

Requests for battery replacements with invalid test codes will not be authorized. The cold cranking amps (CCA) that was used during the test procedure will be compared with the proper CCA to insure a valid test was completed. The Last eight digits of the VIN and Repair Order number must also be provided.

Once approved -- When submitting the warranty claim, the warranty code must be entered in the Labor Code Dependency Field in Global Warranty.

The PQC phone number is 1-866-654-7654.

EL-50313 Battery Tester/Charger Flowchart



GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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